

CLAIMS:

1. A steering booster process for a motor vehicle having a steering arrangement for the input of a set steering variable by a driver, a plurality of travel sensors for detecting travel dynamic variables, a steering control system configured to determine a steering control variable dependent on output variables of the travel sensors, which steering control variable overlaps the set steering variable and at least one further control system comprising a brake control system configured to influence performance of the motor vehicle and evaluate steering control system information for stabilizing motor vehicle stability by braking individual vehicle wheels of the motor vehicle comprising operating the at least one further control system to evaluate the set steering variable overlapped by the steering control variable from the steering control system.

2. The steering booster process according to Claim 1, further comprising braking the individual vehicle wheels by the braking control system dependent on the set steering variable overlapped by the steering control variable.

3. The steering booster process according to Claim 1 or 2, wherein the set steering variable is a desired steering angle and the steering control variable is a steering change

angle mathematically determined depending on the desired steering angle and output values of the travel sensors.

4. The steering booster process according to Claim 1 or 2, wherein the set steering variable is a desired steering torque and the steering control variable is an additional steering torque which overlaps the desired steering torque by way of an overlapping transmission.

5. A steering booster system for a motor vehicle, comprising a steering arrangement configured to input a set steering variable by a driver, a plurality of travel sensors configured to detect travel dynamic variables, a steering control system configured to determine a steering control variable dependent on output variables of the travel sensors, which steering control variable overlaps the set steering variable and at least one additional control system comprising a brake control system that influences the performance of the motor vehicle, evaluates steering control system information and stabilizes the motor vehicle by braking individual vehicle wheels of the motor vehicle, wherein the at least one additional control system is configured to evaluate the set steering variable overlapped by the steering control variable from the steering control system.

6. The steering booster system according to Claim 5, wherein the braking control system is configured to be

actuated by the set steering variable overlapped by the steering control variable.

7. The steering booster system according to Claim 5 or 6, wherein the steering control system is a steer-by-wire system in which the set steering variable is a desired steering angle and a steering change angle is mathematically determined from the desired steering angle and the output variables of the travel sensors.

8. The steering booster system according to Claim 5 or 6, where the steering control system is an overlapping steering system in which the set steering variable is a desired steering torque transmitted by a mechanical steering column and the steering control variable is an additional steering torque generated by an overlapping transmission.